US Army
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CAPCES

Construction Appropriations Programming Control & Execution System

Reporting Multiple Contract Awards by Centers of Expertise
21 March 2007

“Business Intelligence - BI”

Proponent: Assistant Chief of Staff (Installation Management) - FDC
Managed & Maintained by: US Army Corps of Engineers

CAPCES

Business Intelligence for managers and staff supporting mission critical functions.

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Currently We:

Provide information based on the FYDP, Location, Design/Construction District, Centers of Expertise, for a single Contract Award

Distinguish all primary and supporting facility category codes as used on the 1391

Receive and Provide one each, Execution Scheduled Award & Actual Award dates / project

Issue:

- Projects have multiple primary facilities
- Single Execution dates don't tell a clear picture of actual events of of a project
  - Multiple contracts can be awarded – often the case
  - Contracts are not always directly associated with 1391 facility lines
  - Award dates can span a broad time period
  - Large projects and complexes have an even more unclear picture

CAPCES

Business Intelligence for managers and staff supporting mission critical functions.

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Objective:

- Obtain additional data from P2-RMS regarding
  - multiple contract awards – one to many
  - multiple project schedules – one to many to many

- Apply this data to centers of expertise style reports
  - the challenge is a display that can be understood
  - unlikely that primary facilities will cleanly associate to a specific award date

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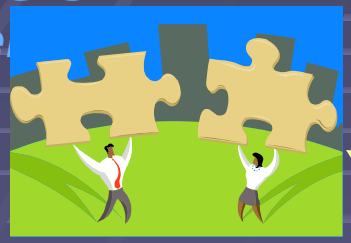
Interfaces / Data Flow

DD1391

USAR EMAR

ISIP EI²RC

Planners Stake



Installations – Major Commands Tenants – others

CAPCES

KP

DIRNET

CV

HQDA PROBE RFS

USACE P2

Programmer s

ACSIM – AAFES – ARCENT – USAR – NGB – others

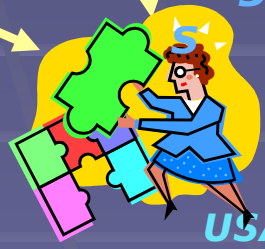
Contingency Locations (Iraq, Kuwait …)

Partners

Oversight

Others

Engineer s



USACE

Information Flow:

Interface

Data

Currently

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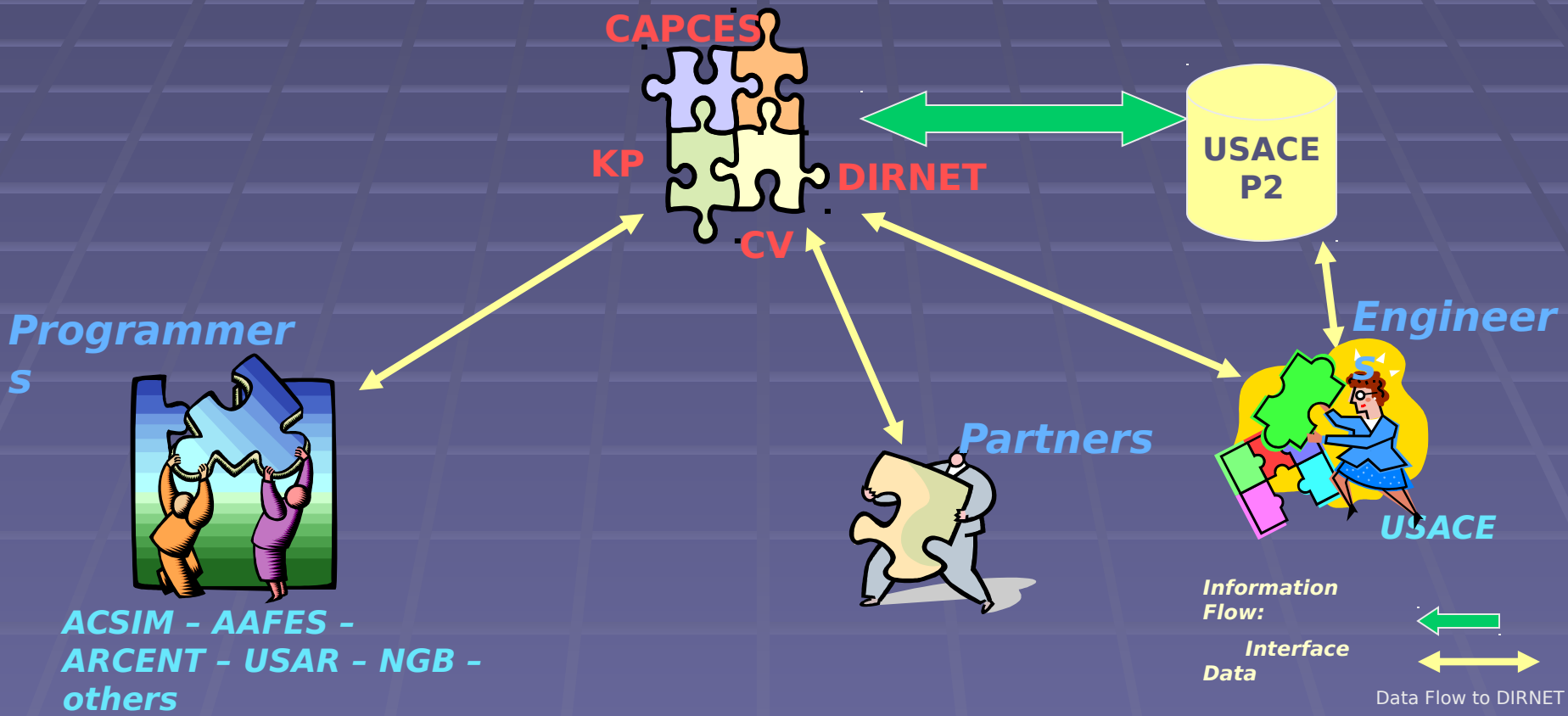
Data Flow – Execution

- CAPCES feeds project data to P2 via DIRNET
- P2 feeds milestone dates and other data to CAPCES



Projected

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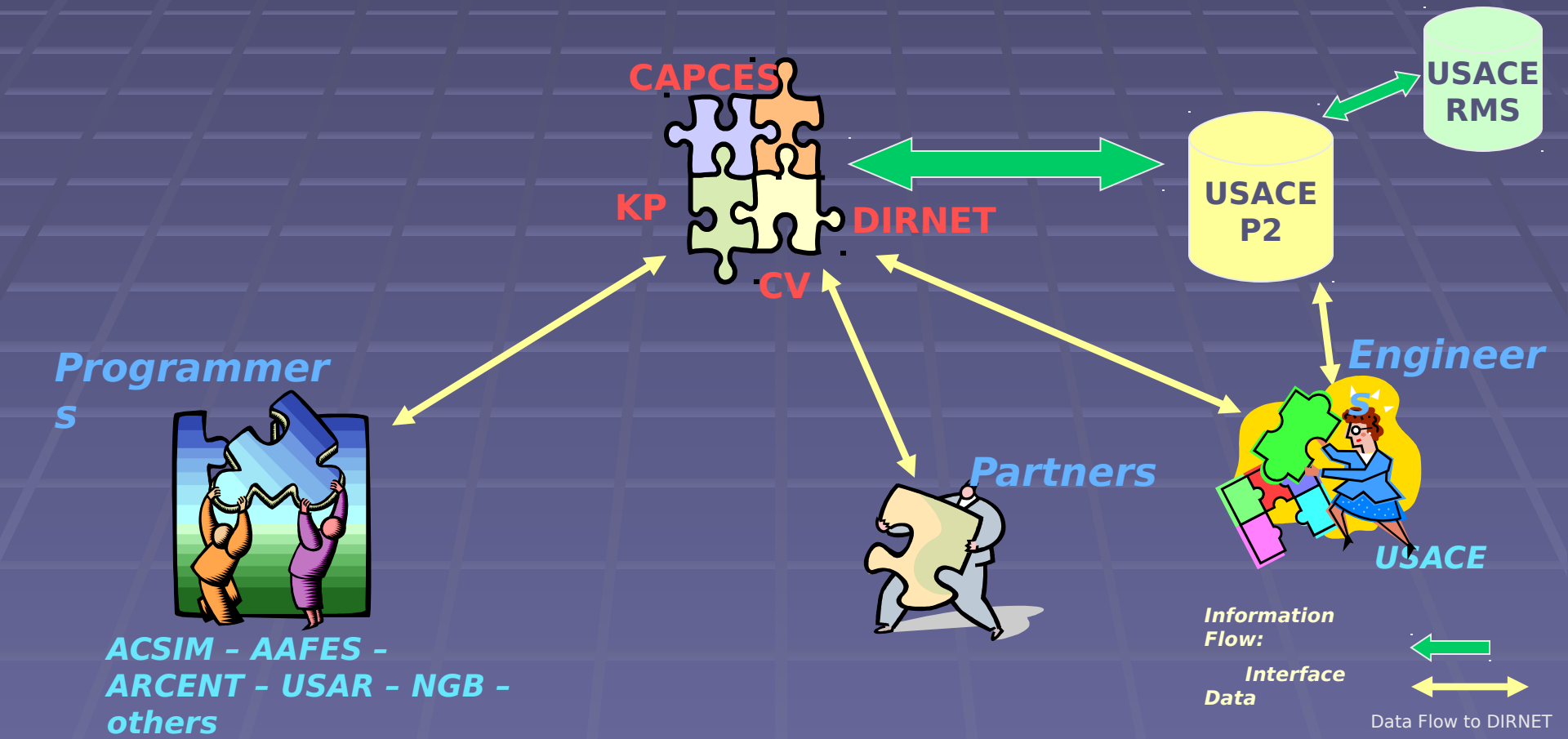
Data Flow – Execution – Resident Managers Office

- RMS provides contract execution data to P2



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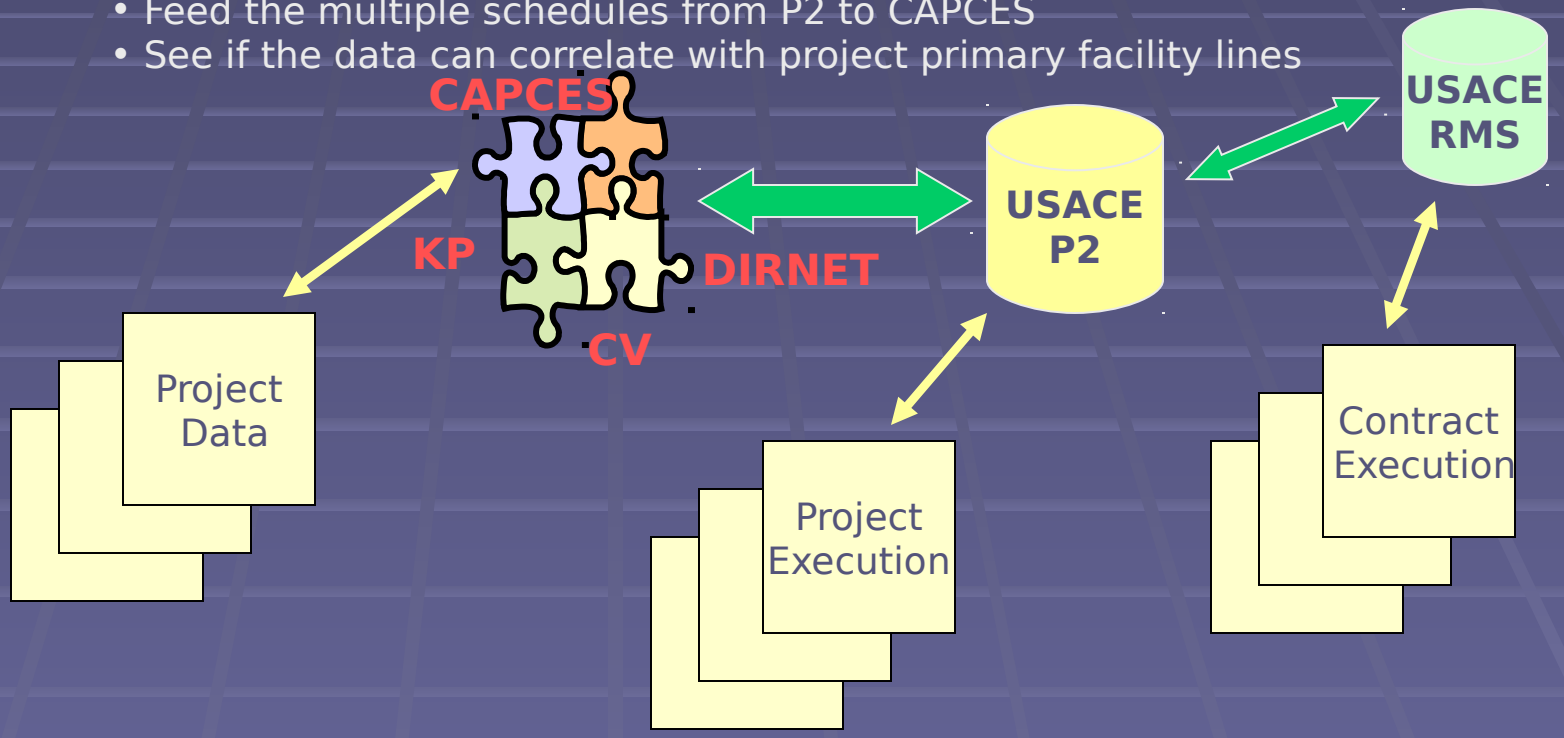
Data Flow – Execution – Resident Managers Office

- RMS feeds execution data to P2 and P2 associates the milestones to the project
  - P2 feeds multiple awards to CAPCES
  - Projects with multiple schedules ??
    - Investigate ability to associate multiple schedules with award dates to projects
    - Feed the multiple schedules from P2 to CAPCES
    - See if the data can correlate with project primary facility lines



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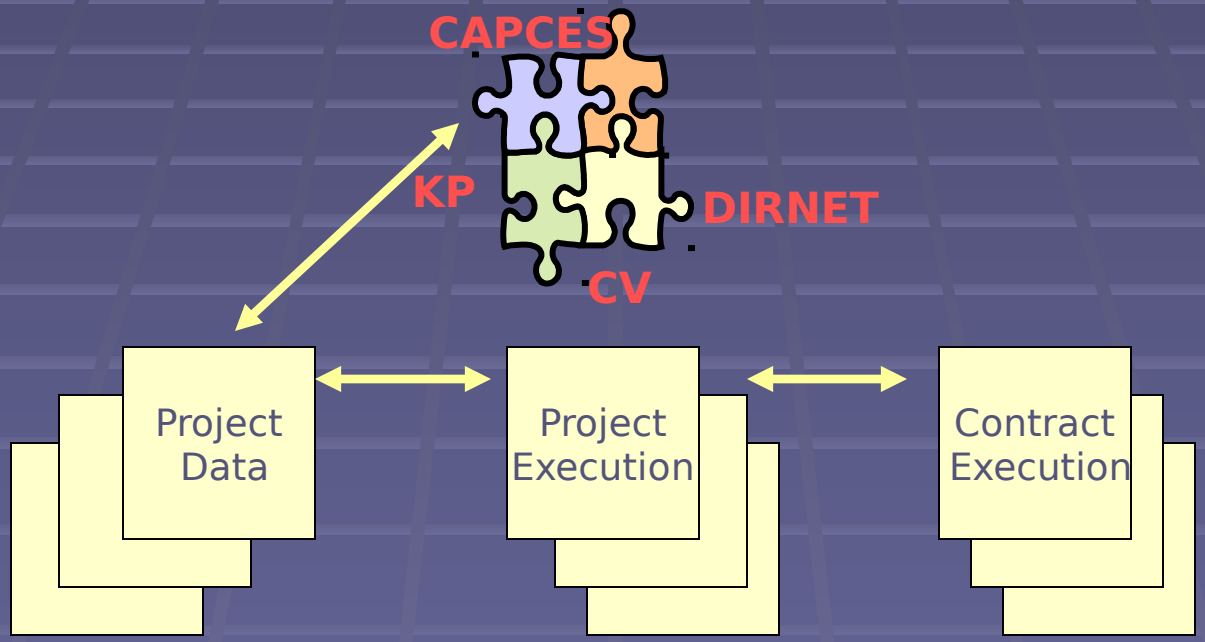
Data Flow – Execution – Resident Managers Office

- The result is a one to many to many scenario – complex associations
  - We will learn more when we see the data that can be fed to us



Information Flow:

Interface Data

Data Flow to DIRNET

Project – CAPCES 1391 UM-Scope

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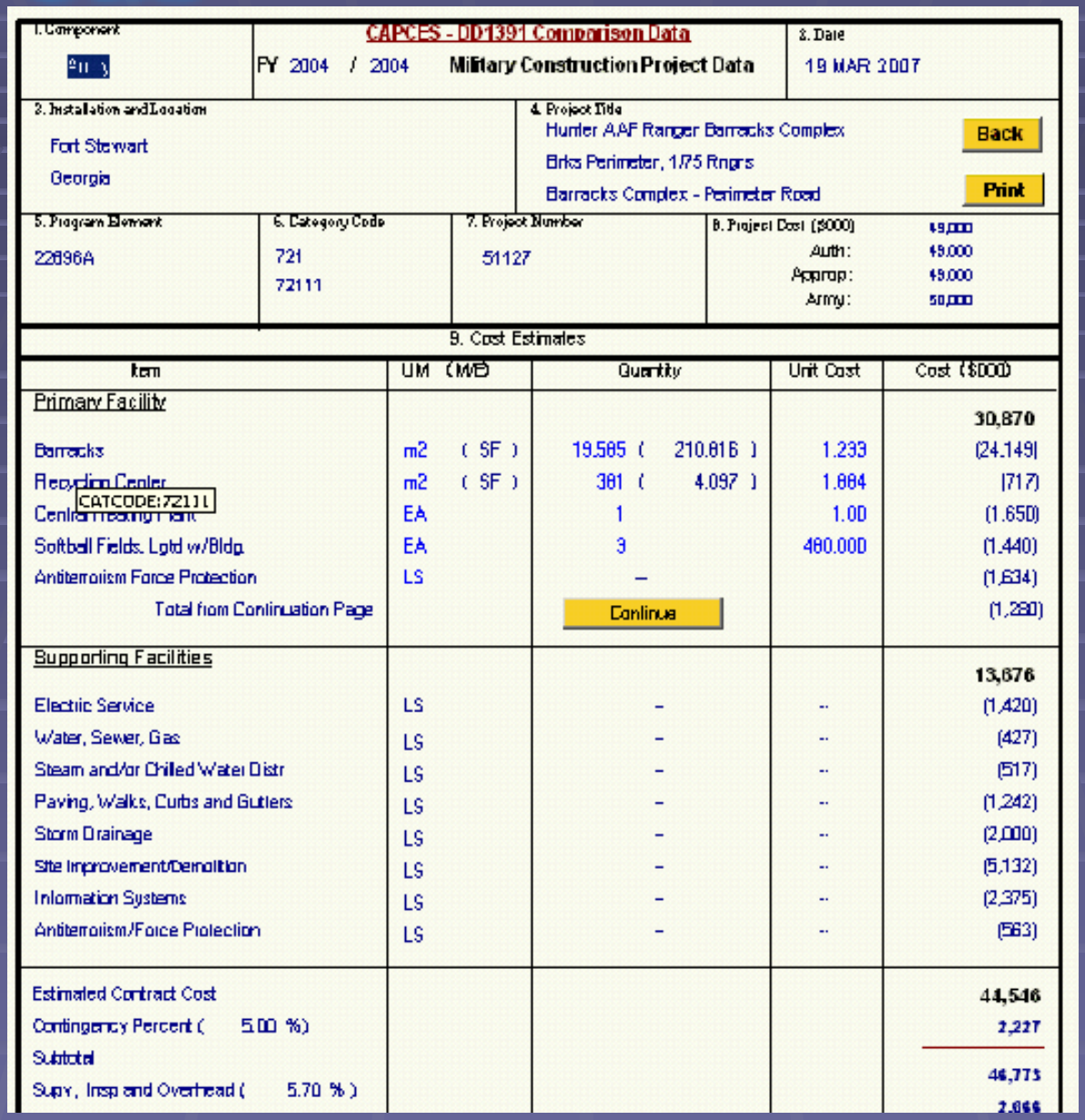

1. Component	CAPCES - DD1391 Comparison Data	3. Date
Army	FY 2004 / 2004 Military Construction Project Data	19 MAR 2007

2. Installation and Location	4. Project Title	
Fort Stewart Georgia	Hunter AAF Ranger Barracks Complex Brks Perimeter, 175 Rngrs Barracks Complex - Perimeter Road	Back Print

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
22696A	721 72111	51127	Auth: Approp: Army:	49,000 49,000 49,000 50,000

9. Cost Estimates

Item	UM (M/E)	Quantity	Unit Cost	Cost ($000)
Primary Facility				30,870
Barracks	m2 (SF)	19,585 (210,816)	1,233	(24,149)
Recyclion Center	m2 (SF)	381 (4,097)	1,884	(717)
CATCODE:72111				
Central Heating Plant	EA	1	1.00	(1,650)
Softball Fields, Lgtd w/Bldg	EA	3	480,000	(1,440)
Antiterrorism Force Protection	LS	–		(1,634)
Total from Continuation Page		Continue		(1,280)
Supporting Facilities				13,676
Electric Service	LS	–	--	(1,420)
Water, Sewer, Gas	LS	–	--	(427)
Steam and/or Chilled Water Distr	LS	–	--	(517)
Paving, Walks, Curbs and Gutters	LS	–	--	(1,242)
Storm Drainage	LS	–	--	(2,000)
Site Improvement/Demolition	LS	–	--	(5,132)
Information Systems	LS	–	--	(2,375)
Antiterrorism/Force Protection	LS	–	--	(563)
Estimated Contract Cost				44,546
Contingency Percent (5.00 %)				2,227
Subtotal				46,773
Supv, Insp and Overhead (5.70 %)				2,666

Data Flow to DIRNET

Project – CAPCES 1391 UM-Scope

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1. Component	CAPCES - DD1391 Comparison Data	2. Date
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3.. Installation and Location

Fort Stewart Georgia

4. Project Title	7. Project Number
Hunter AAF Ranger Barracks Complex Barracks Complex - Perimeter Road	51127

9. Cost Estimates (Continued)

Item	UM	(M/E)	Quantity	Unit Cost	Cost ($000)
Primary Facility (Continued)					
EMCS Connections	LS		-		(402)
Building Information Systems	LS		-		(878)
					(1,280)

Tips:
- Mouse over the "Item" Description to see the Category Code

Back | Exit UM/SCOPE

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Supporting Customers Every Day

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Competency Center – Contact Us

"If it helps you and we can do it, we will do it.

If it helps a lot of people, we'll do that too."

- **Direct Personal Support**
  - Helpline – Live Support
  - (202) 761 – 8888
  - M – F approx 6am to 6pm Eastern Time
  - Available to ALL Users

6,800+ Support Line Calls or eMails. approx 80% required immediate analytical and technical support

- **BAM – An Online Work Request Process**
  - Easy Method for Requesting Something New, Fixes, Suggestions, etc.
  - Available 24/7 on CAPCES

- **Training Classes – Online**
  - View or Sign-up online from the CAPCES Main webpage.

powered by PAX

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CAPCES

Your data, Your needs, Your way.

Any data, any format, any time for any user of any skill level.

Business Intelligence: Leveraging Technology, Knowledge, Skills, Experience

Appendix

US Army Corps Of Engineers

Managers

CAPCES Manager

Bill Crambo – Engineer, CAPCES Manager
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(202) 761-8900

CAPCES Support Contractor

McClendon Corporation
Barbara Hempstead, Manager
support@mcc-corp.com
(202) 761-8888 - Extended Business Hours (Eastern Time)

Note: DSN for 761 is 763

Business Intelligence: Leveraging Technology, Knowledge, Skills, Experience

Any data, any format, any time for any user of any skill level.